CLAIMS

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1	1.	A method comprising:				
2		fixing a logical identifier for a signal line at an egress interface;				
3		mapping a first physical identifier for a first physical signal line to the				
4	logical identifier; and					
5		remapping a second physical identifier for a second physical signal line				
6	to the logica	al identifier responsive to a line failure on the first physical signal line.				
1	2.	The method of claim 1 wherein mapping comprises:				
2		writing to a cross connect table and wherein remapping comprises				
T 3	rewriting the cross connect table.					
1	3.	The method of claim 1 further comprising:				
2		switching a signal from a second physical signal line to a physical line				
13	corresponding to the logical identifier responsive to the remapping.					
<u>-</u>	4.	The method of claim 1 wherein fixing comprises:				
_2		assigning an identifier to each port of the egress interface during				
4. The method of claim 1 wherein fixing comprises: assigning an identifier to each port of the egress interface during initialization; and						
4		preventing change to the identifier after initialization.				
1	5.	The method of claim 1 wherein the signal line is a synchronous optical				
2	networking	(SONET) line.				
1	6.	An apparatus comprising:				
2		a bus interface;				
3		an ingress time slot interchange (ITSI) module;				
4		a switch fabric coupled to the ITSI module;				
5		an egress time slot interchange (ETSI) module having a plurality of				
6	inputs, each input assigned a logical identifier which remains fixed after					
7	initialization					

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8		a translation module to translate an incoming signal identifier to one
9	of the logica	al identifiers independent of a physical line on which the signal is
10	received.	
1	7.	The apparatus of claim 6 wherein the translation module comprises:
2		a cross connect table.

- 9. The apparatus of claim 6 wherein the apparatus is implemented as an ASIC on a backplane of a line card.